

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
 Data File : BF143600.D
 Acq On : 27 Aug 2025 11:24
 Operator : RC/JU
 Sample : Q2954-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE

Quant Time: Aug 27 12:14:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

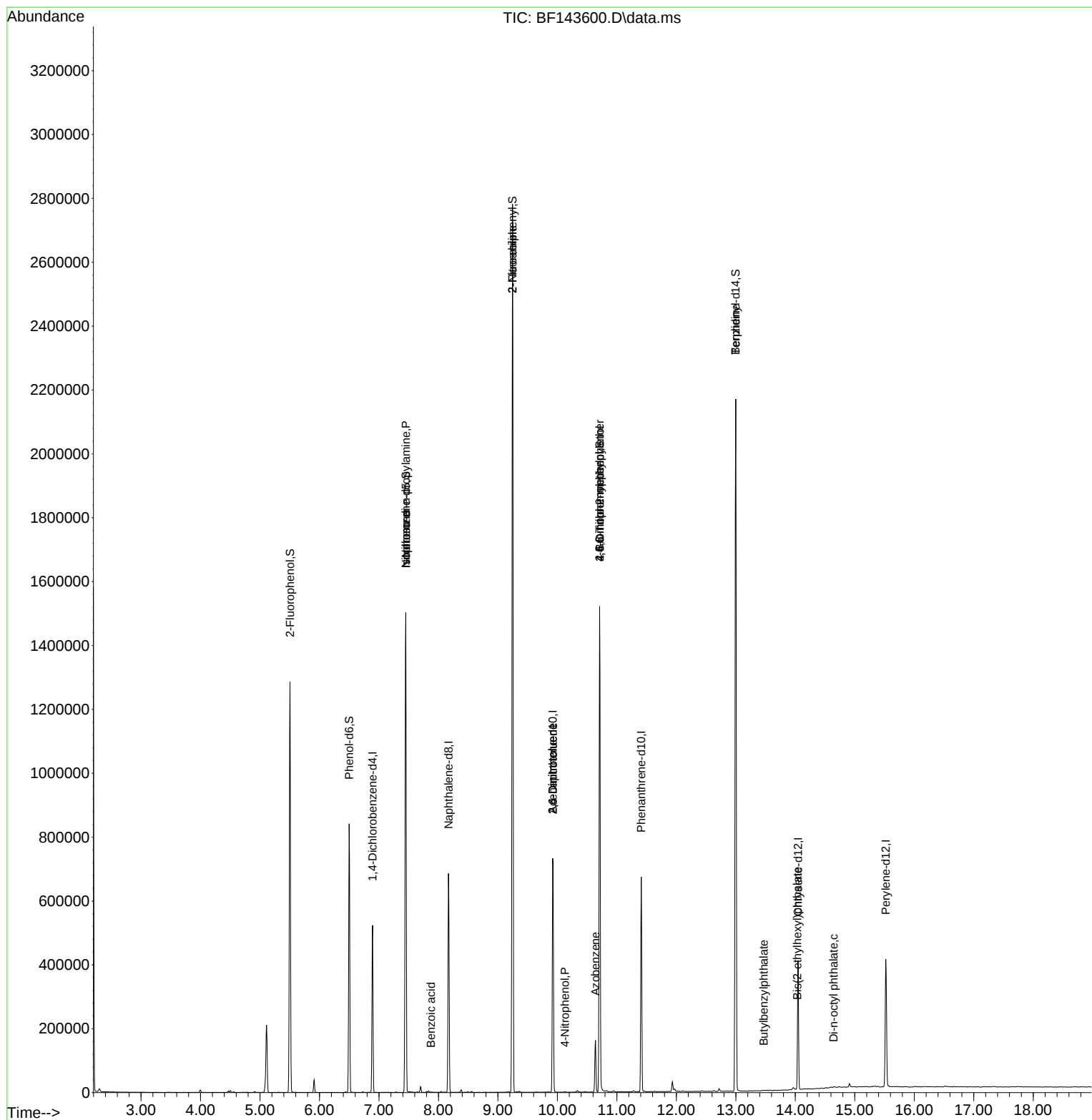
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	111327	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	423015	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	228668	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336111	20.000	ng	0.00
76) Chrysene-d12	14.045	240	189256	20.000	ng	0.00
86) Perylene-d12	15.521	264	230572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	464094	70.951	ng	0.00
7) Phenol-d6	6.498	99	369638	45.626	ng	-0.01
23) Nitrobenzene-d5	7.451	82	671124	113.279	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	262061	146.548	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1253546	93.728	ng	0.00
79) Terphenyl-d14	12.998	244	1070479	101.500	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	89343	17.408	ng	# 76
25) Isophorone	7.451	82	668875	48.244	ng	# 66
32) Benzoic acid	7.875	122	111	7.352	ng	# 49
48) 2-Nitroaniline	9.245	65	2184	4.876	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	28691	15.716	ng	# 21
56) 4-Nitrophenol	10.128	139	222	5.372	ng	# 5
57) 2,4-Dinitrotoluene	9.922	165	28691	13.168	ng	# 22
63) Azobenzene	10.639	77	41496	3.105	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.710	198	560	8.216	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	16877	4.642	ng	# 1
77) Benzidine	12.998	184	13019	2.988	ng	# 97
80) Butylbenzylphthalate	13.469	149	218	3.713	ng	# 78
84) Bis(2-ethylhexyl)phtha...	14.033	149	1130	3.420	ng	# 86
85) Di-n-octyl phthalate	14.645	149	477	5.906	ng	# 72

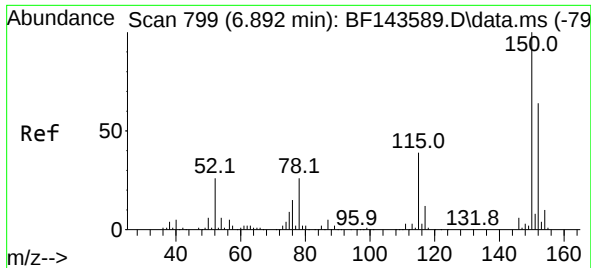
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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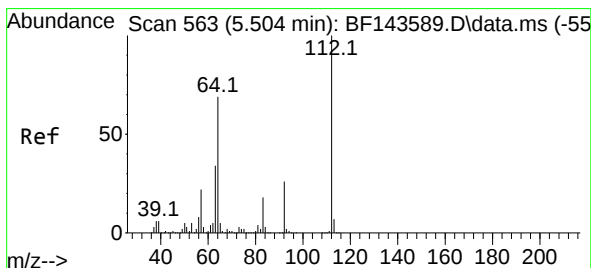
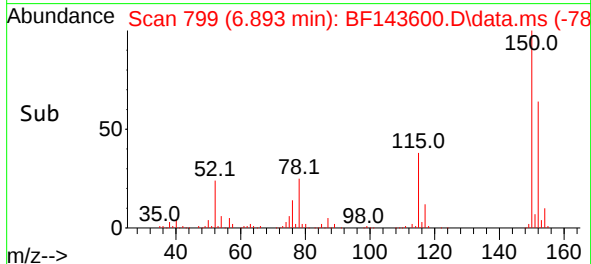
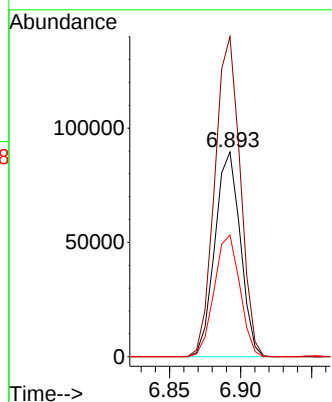
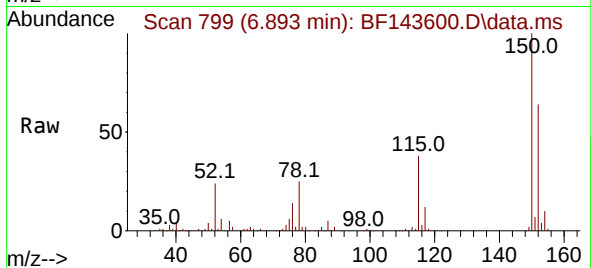




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. 0.001 min
 Lab File: BF143600.D
 Acq: 27 Aug 2025 11:24

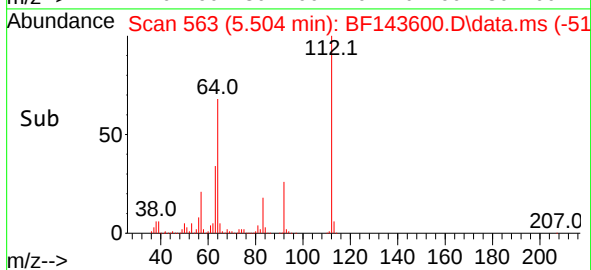
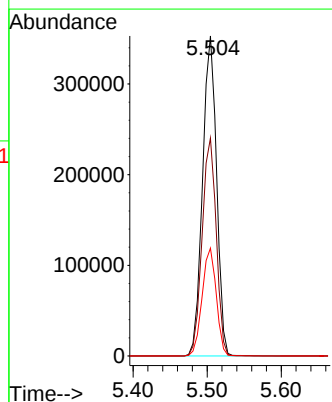
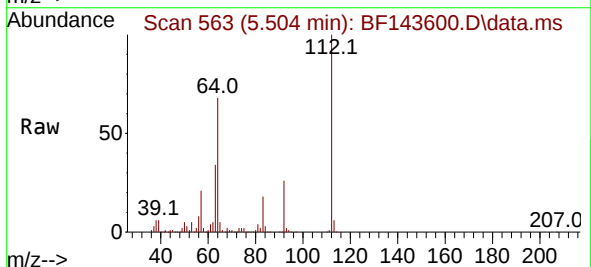
Instrument :
 BNA_F
 ClientSampleId :
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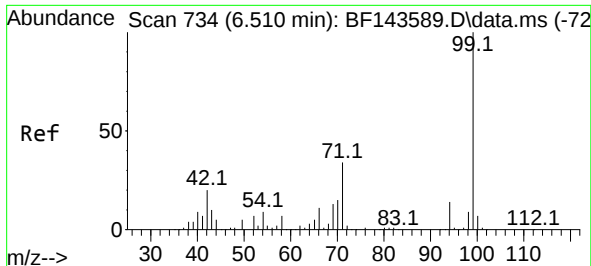
Tgt Ion:152 Resp: 111327
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.9 187.3
 115 59.4 48.0 72.0



#5
 2-Fluorophenol
 Concen: 70.951 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF143600.D
 Acq: 27 Aug 2025 11:24

Tgt Ion:112 Resp: 464094
 Ion Ratio Lower Upper
 112 100
 64 68.1 54.8 82.2
 63 33.7 27.6 41.4

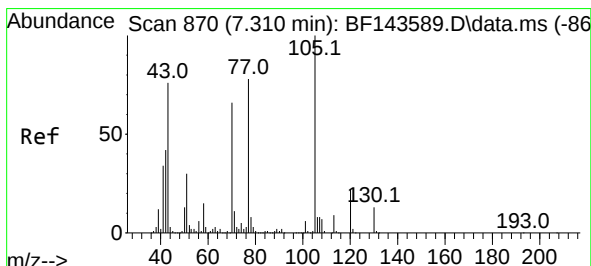
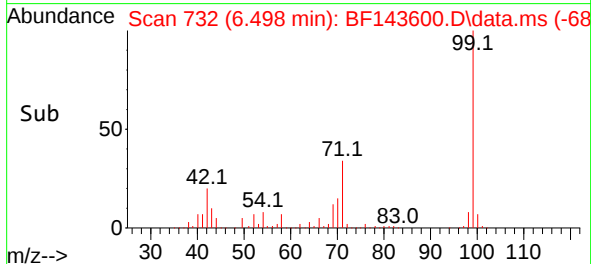
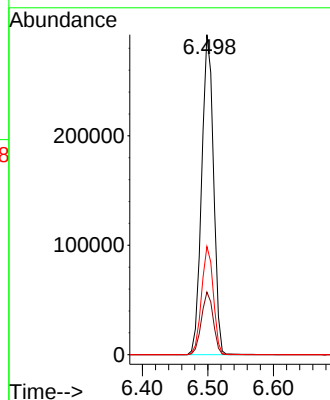
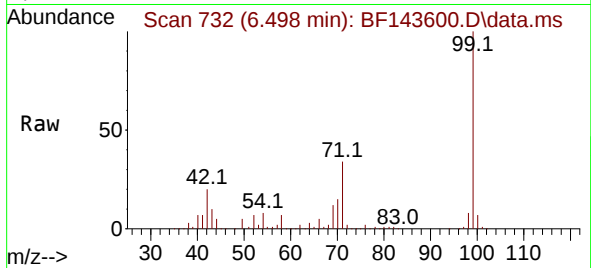




#7
Phenol-d6
Concen: 45.626 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

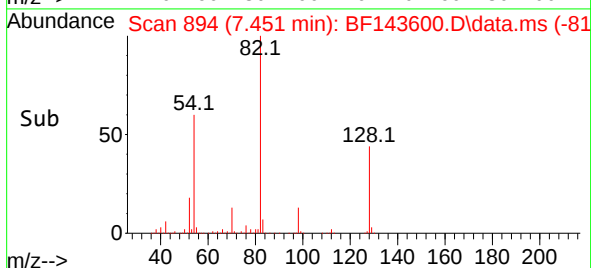
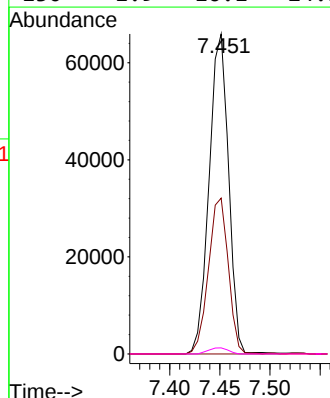
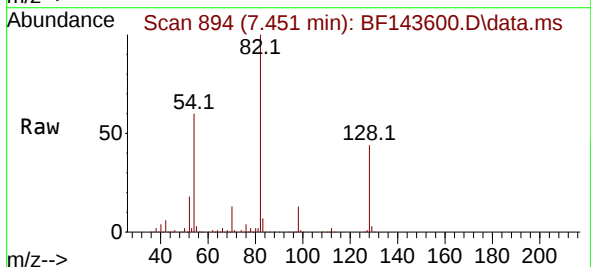
Instrument :
BNA_F
ClientSampleId :
BRIDGE

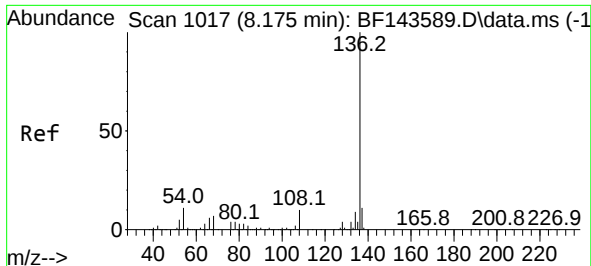
Tgt Ion: 99 Resp: 369638
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 33.8 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.408 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion: 70 Resp: 89343
Ion Ratio Lower Upper
70 100
42 48.7 50.6 75.8#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



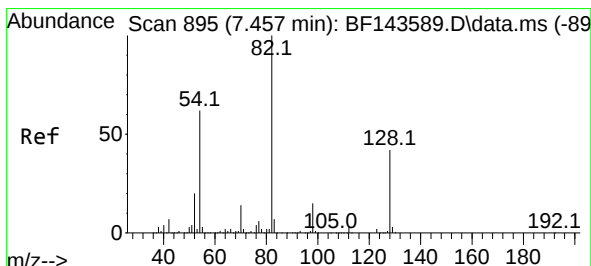
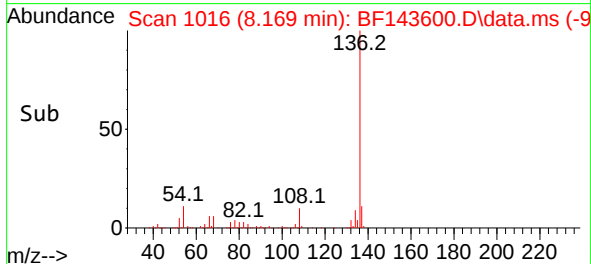
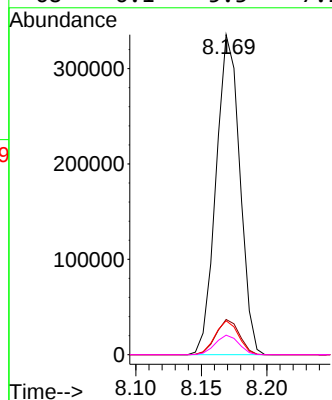
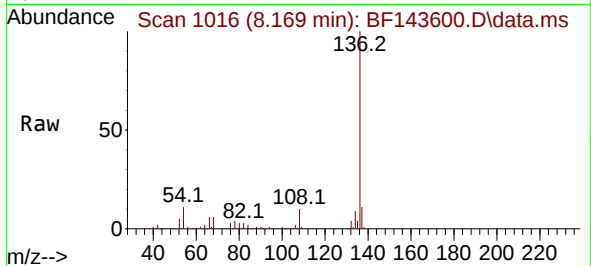


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Instrument :
BNA_F
ClientSampleId :
BRIDGE

Tgt Ion:136 Resp: 423015

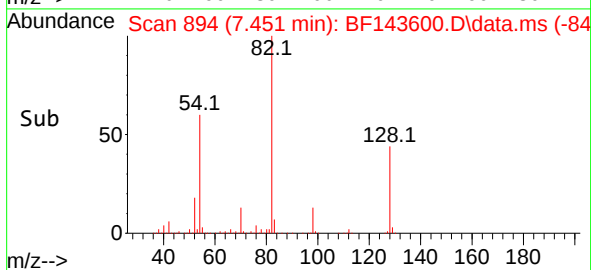
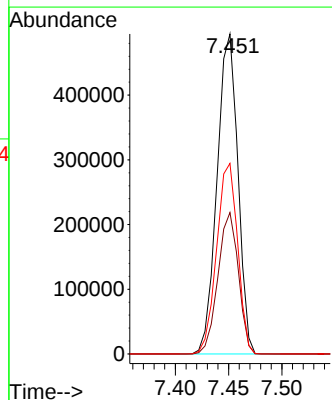
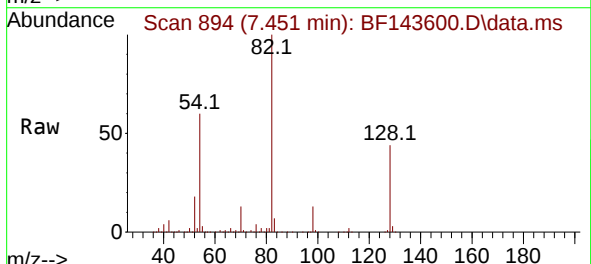
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.6	9.0	13.6
68	6.1	5.3	7.9

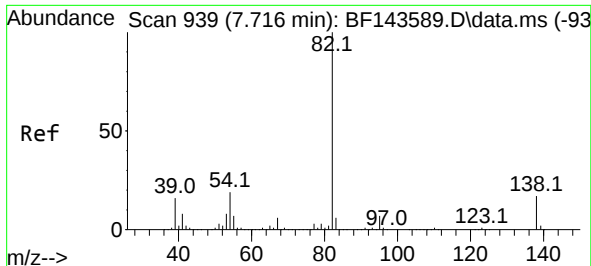


#23
Nitrobenzene-d5
Concen: 113.279 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion: 82 Resp: 671124

Ion	Ratio	Lower	Upper
82	100		
128	44.2	33.4	50.2
54	59.5	49.3	73.9

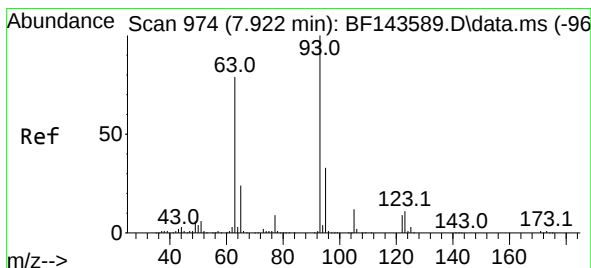
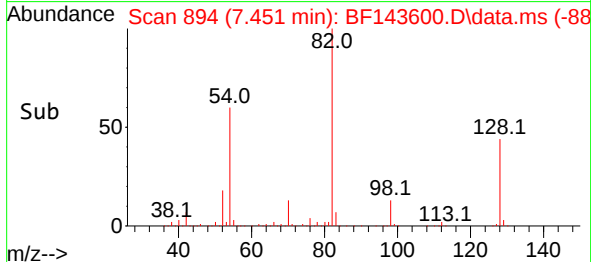
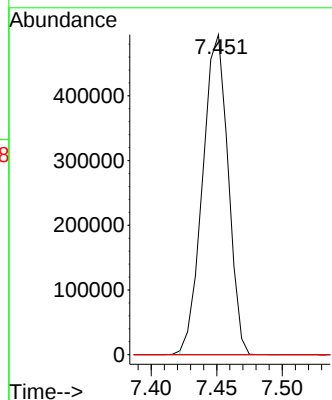
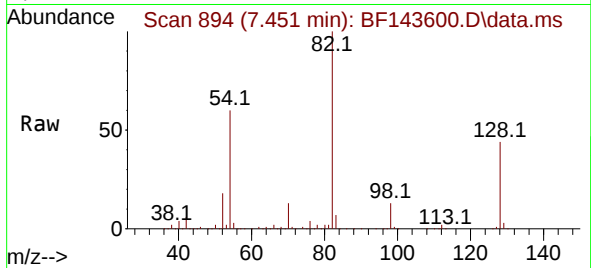




#25
Isophorone
Concen: 48.244 ng
RT: 7.451 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

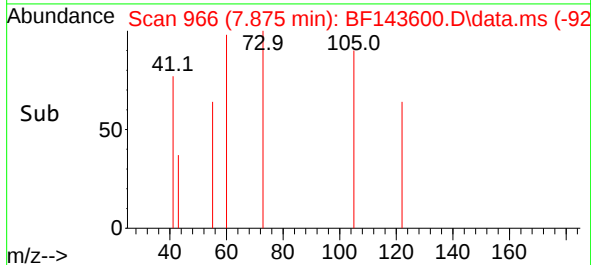
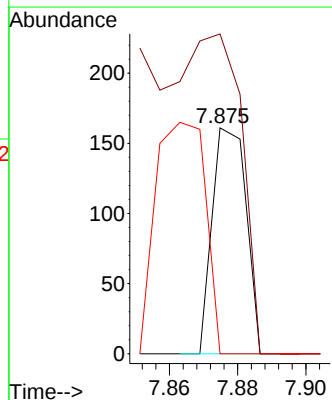
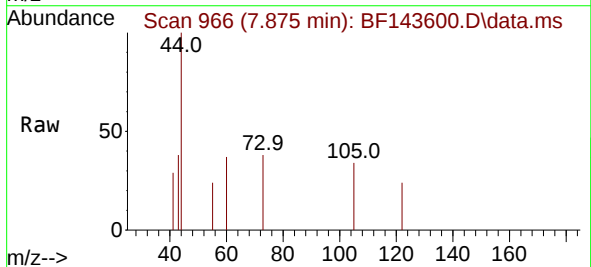
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BNA_F
ClientSampleId :
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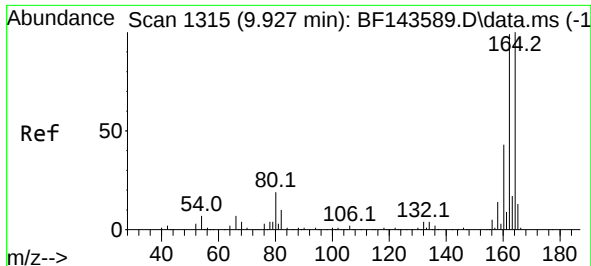
Tgt Ion: 82 Resp: 668875
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 7.352 ng
RT: 7.875 min Scan# 966
Delta R.T. -0.047 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 141.6 106.4 146.4
77 0.0 79.3 119.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF143600.D

Acq: 27 Aug 2025 11:24

Instrument :

BNA_F

ClientSampleId :

BRIDGE

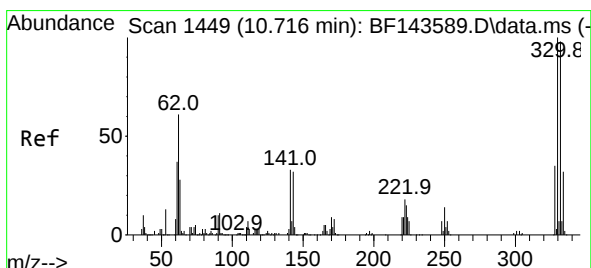
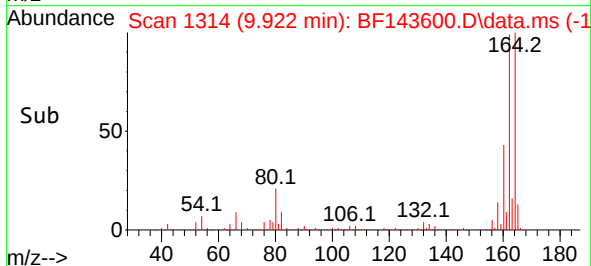
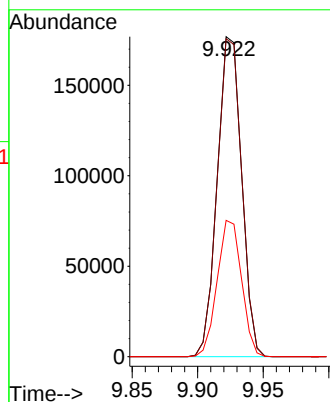
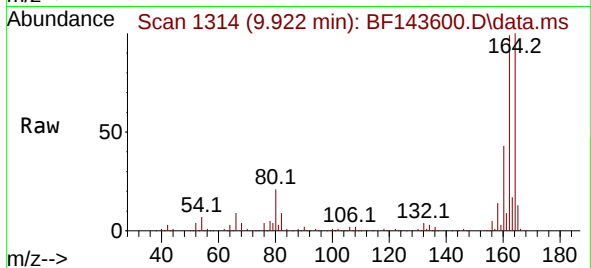
Tgt Ion:164 Resp: 228668

Ion Ratio Lower Upper

164 100

162 99.3 79.5 119.3

160 42.6 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 146.548 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143600.D

Acq: 27 Aug 2025 11:24

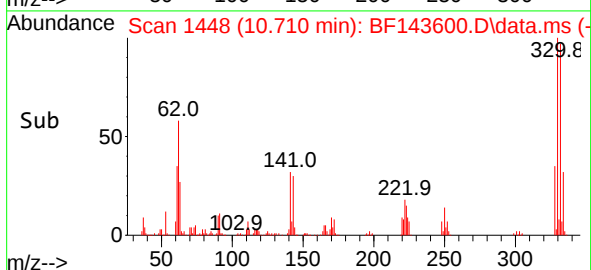
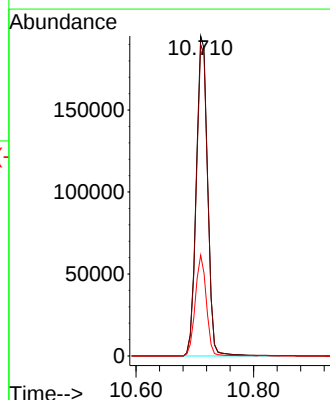
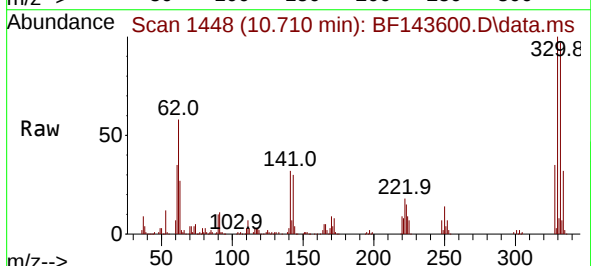
Tgt Ion:330 Resp: 262061

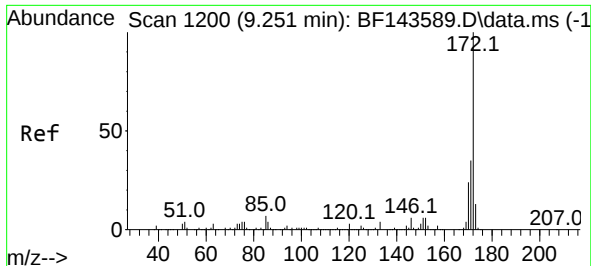
Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 30.7 25.4 38.0

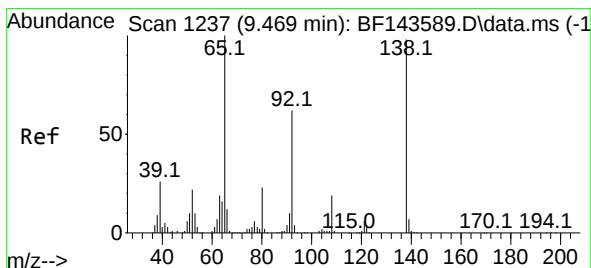
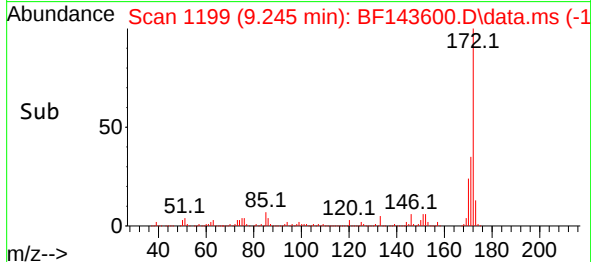
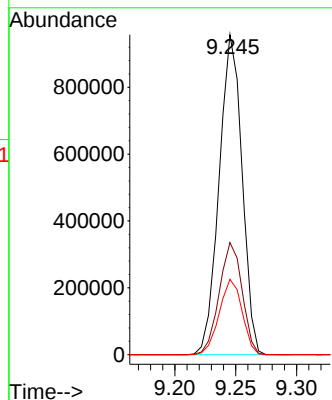
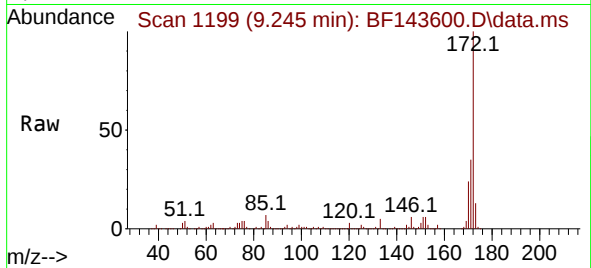




#45
2-Fluorobiphenyl
Concen: 93.728 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

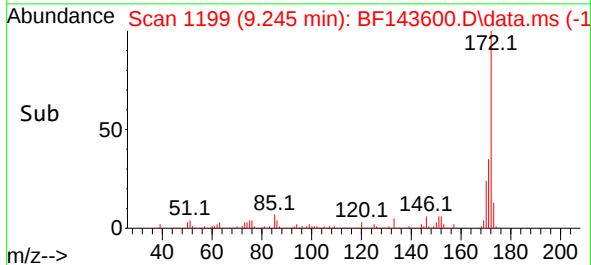
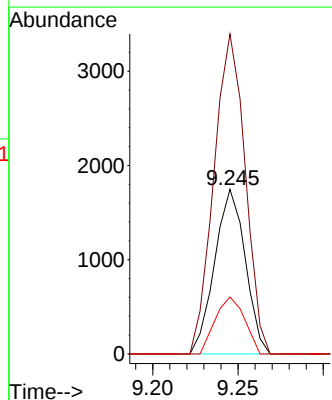
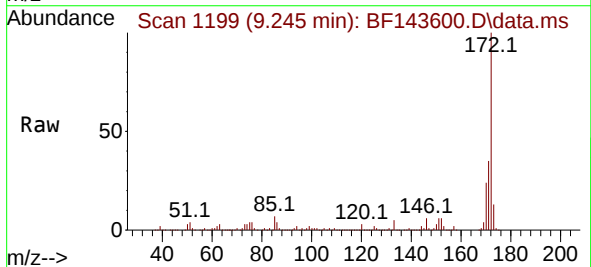
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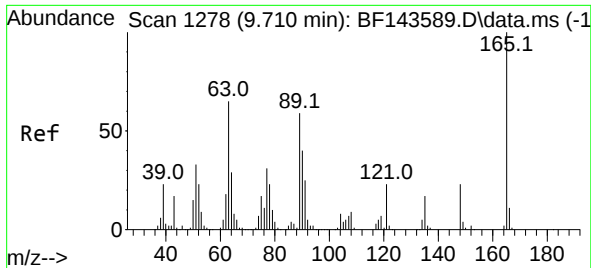
Tgt Ion:172 Resp: 1253546
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.0 28.4



#48
2-Nitroaniline
Concen: 4.876 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.224 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion: 65 Resp: 2184
Ion Ratio Lower Upper
65 100
92 194.4 49.6 74.4#
138 34.7 78.6 118.0#

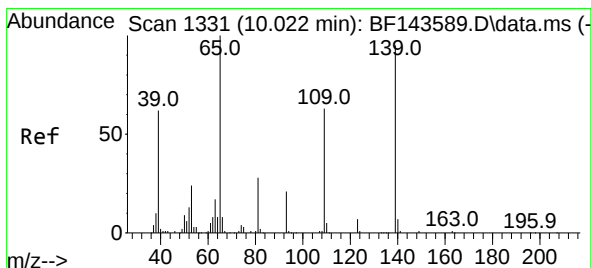
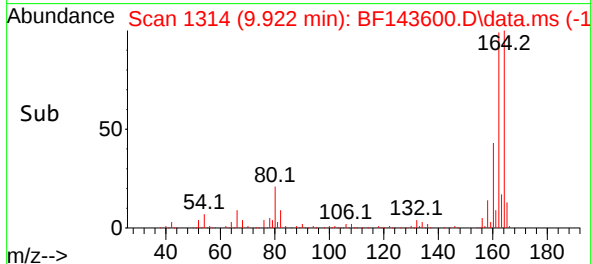
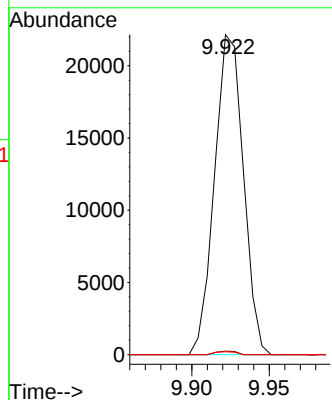
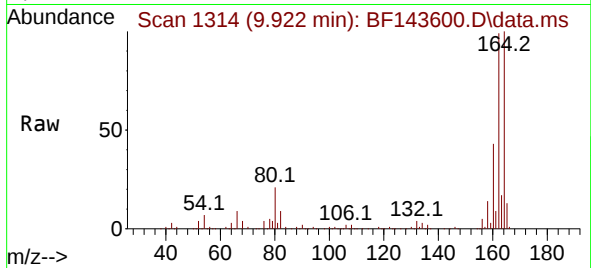




#51
2,6-Dinitrotoluene
Concen: 15.716 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

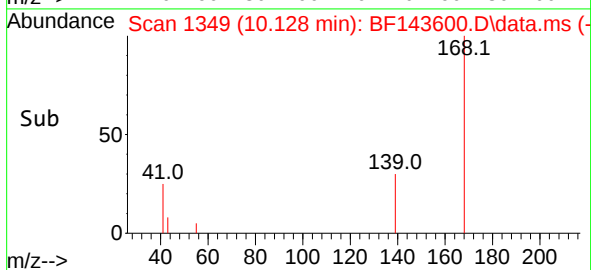
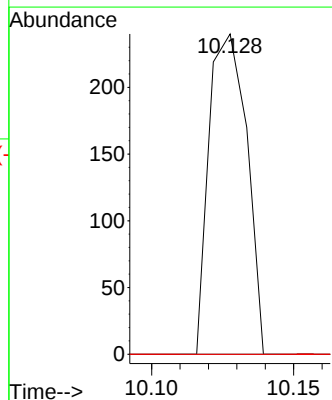
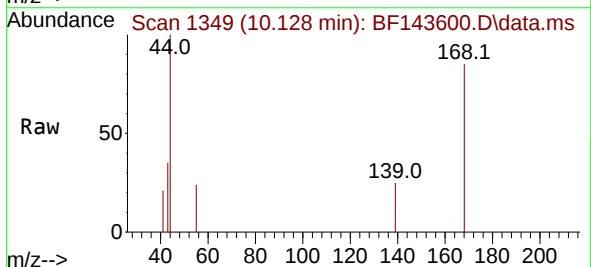
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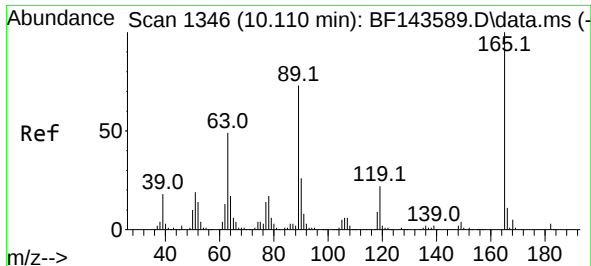
Tgt Ion:165 Resp: 28691
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 0.9 47.4 71.2#



#56
4-Nitrophenol
Concen: 5.372 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.106 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion:139 Resp: 222
Ion Ratio Lower Upper
139 100
109 0.0 47.3 87.3#
65 0.0 86.8 126.8#

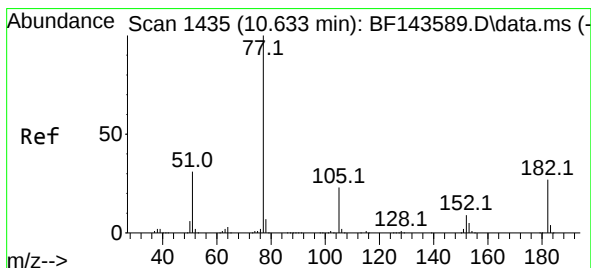
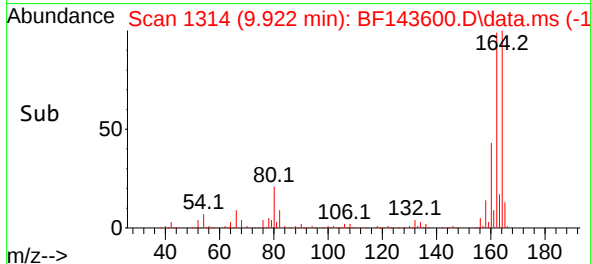
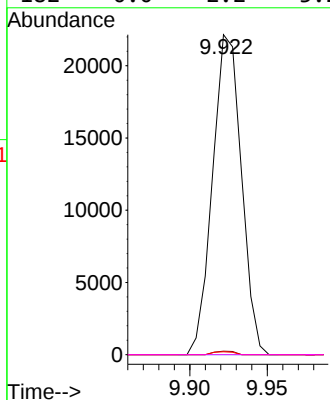
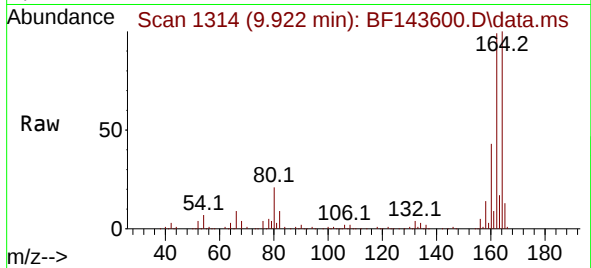




#57
2,4-Dinitrotoluene
Concen: 13.168 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

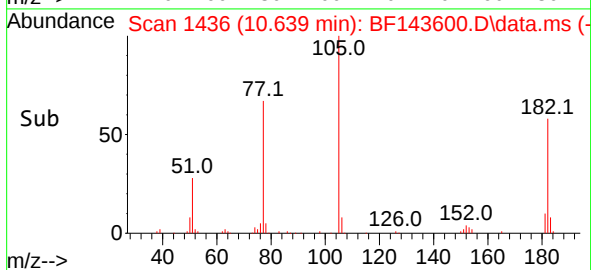
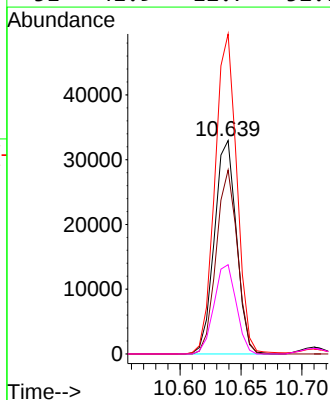
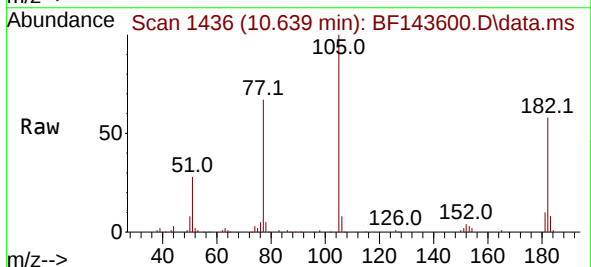
Instrument :
BNA_F
ClientSampleId :
BRIDGE

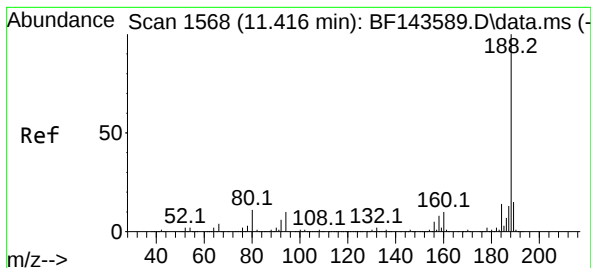
Tgt Ion:165	Resp:	28691
Ion Ratio	Lower	Upper
165	100	
63	1.1	39.5 59.3#
89	0.9	58.1 87.1#
182	0.0	2.2 3.2#



#63
Azobenzene
Concen: 3.105 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion: 77	Resp:	41496
Ion Ratio	Lower	Upper
77	100	
182	86.3	6.3 46.3#
105	150.0	2.4 42.4#
51	41.9	12.7 52.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143600.D

Acq: 27 Aug 2025 11:24

Instrument :

BNA_F

ClientSampleId :

BRIDGE

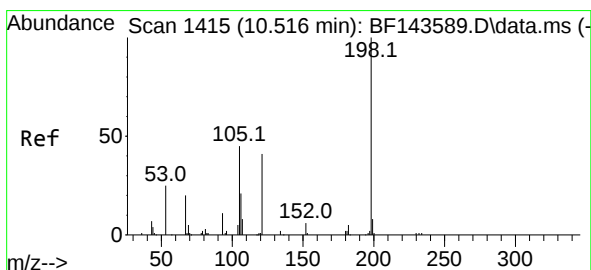
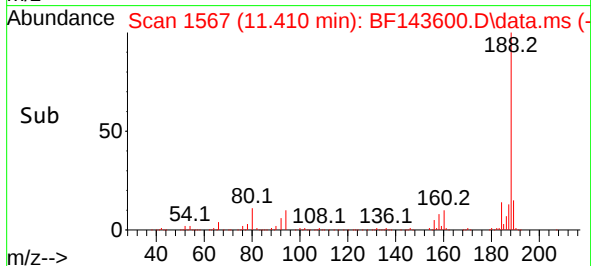
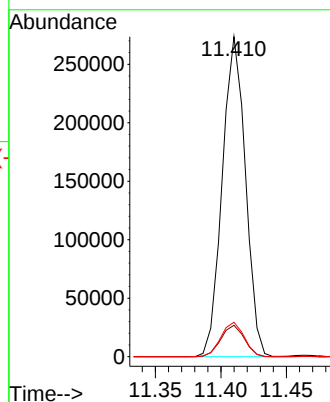
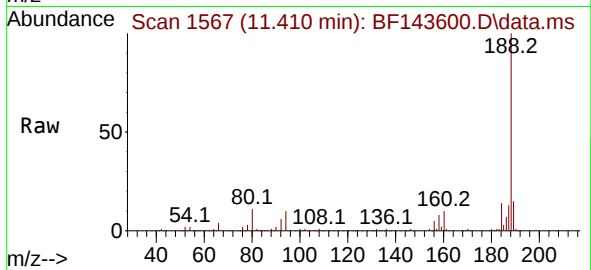
Tgt Ion:188 Resp: 336111

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 10.7 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.216 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.194 min

Lab File: BF143600.D

Acq: 27 Aug 2025 11:24

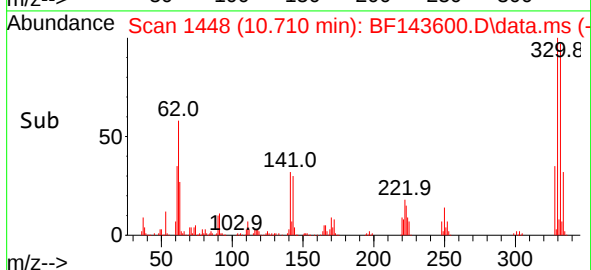
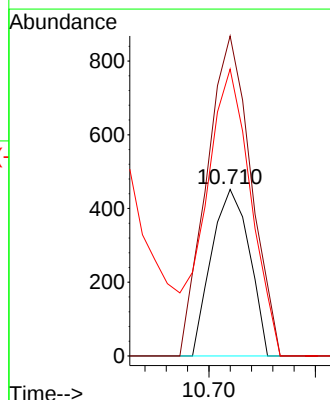
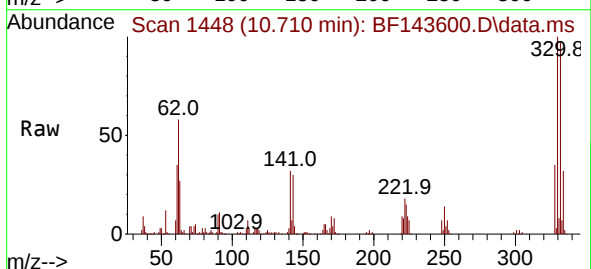
Tgt Ion:198 Resp: 560

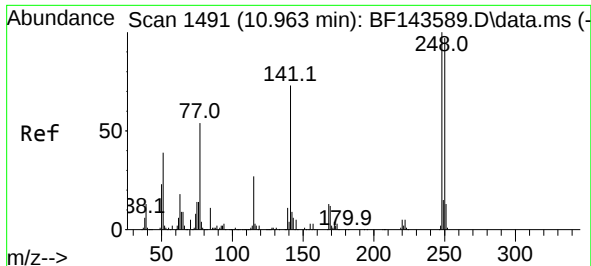
Ion Ratio Lower Upper

198 100

51 192.0 41.5 81.5#

105 172.1 28.2 68.2#

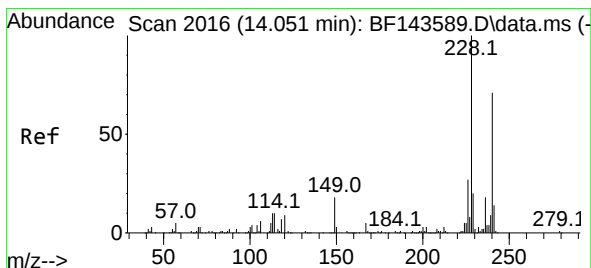
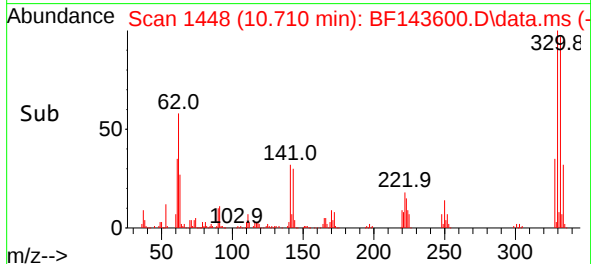
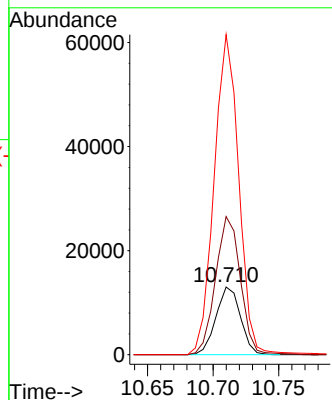
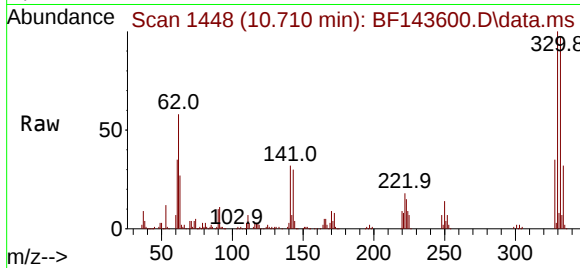




#67
4-Bromophenyl-phenylether
Concen: 4.642 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

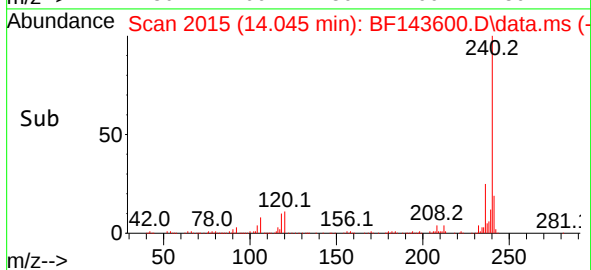
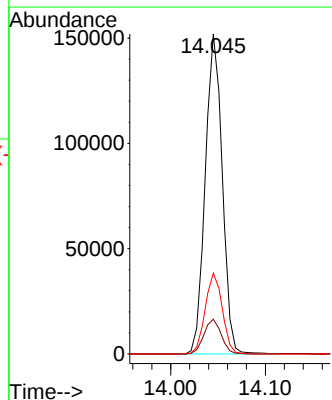
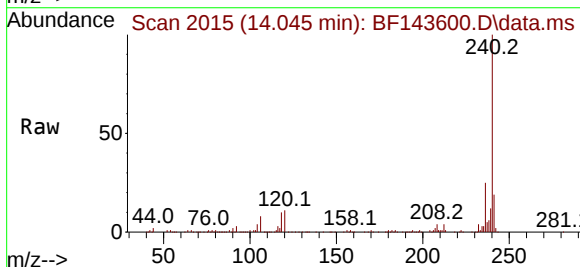
Instrument :
BNA_F
ClientSampleId :
BRIDGE

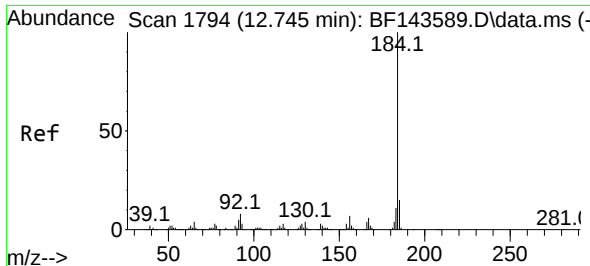
Tgt Ion:248 Resp: 16877
Ion Ratio Lower Upper
248 100
250 204.1 77.8 116.6#
141 473.0 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion:240 Resp: 189256
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 25.3 20.2 30.2

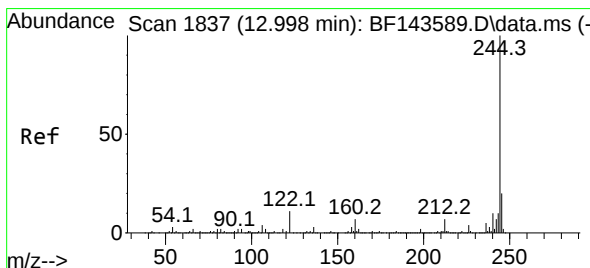
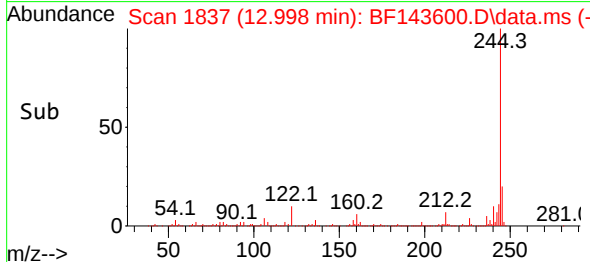
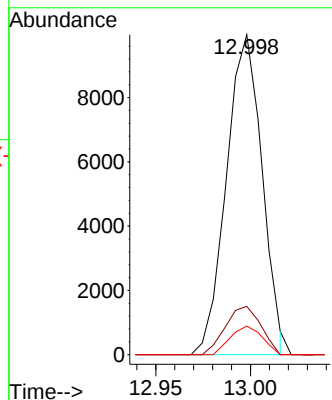
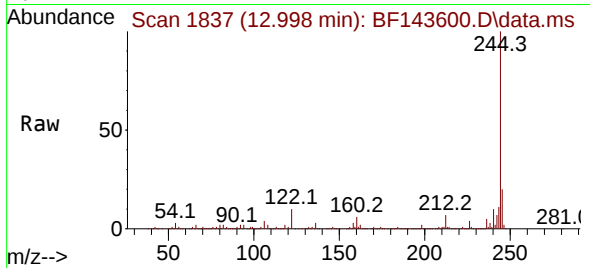




#77
Benzidine
Concen: 2.988 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

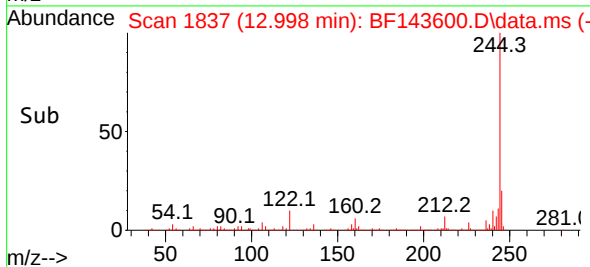
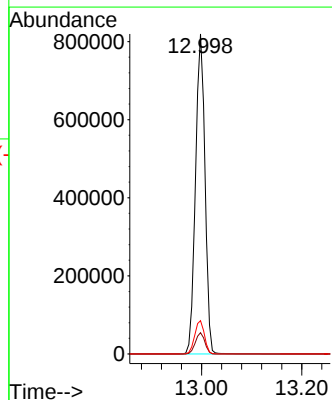
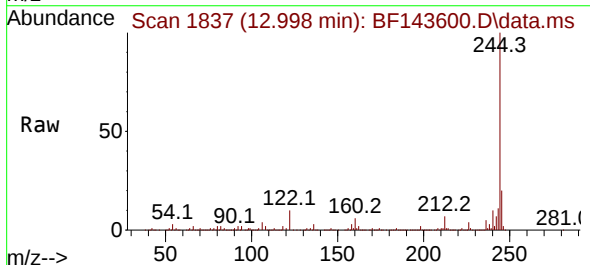
Instrument :
BNA_F
ClientSampleId :
BRIDGE

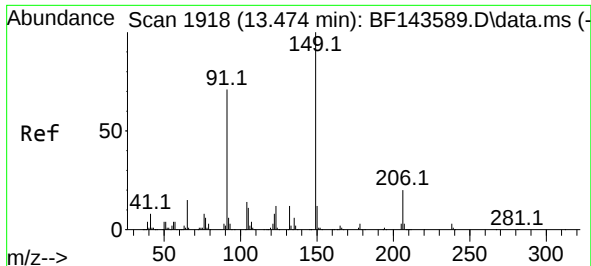
Tgt Ion:184 Resp: 13019
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 8.9 9.1 13.7#



#79
Terphenyl-d14
Concen: 101.500 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion:244 Resp: 1070479
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 10.4 8.8 13.2

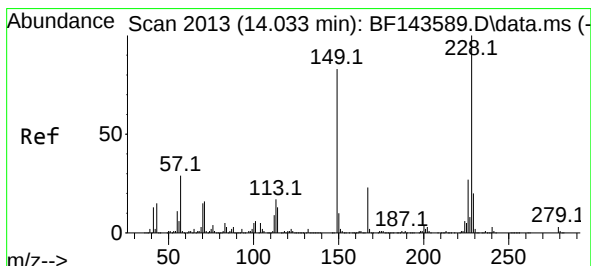
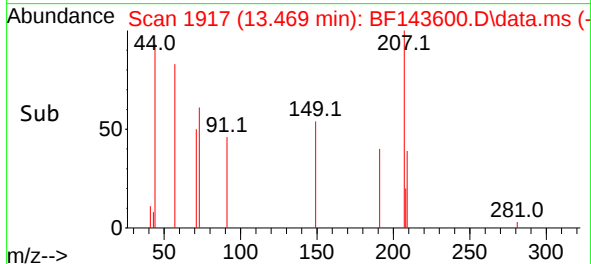
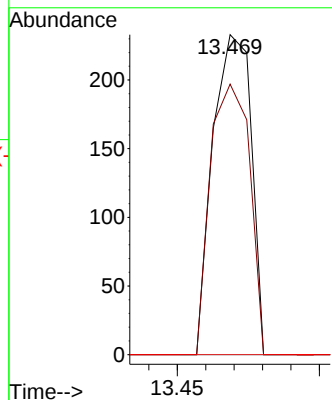
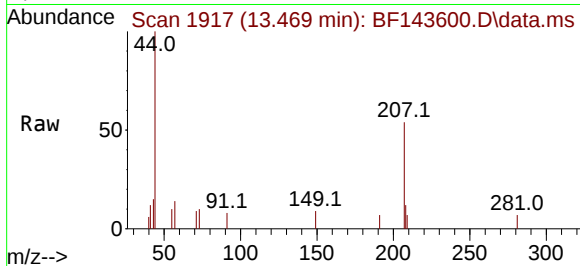




#80
Butylbenzylphthalate
Concen: 3.713 ng
RT: 13.469 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

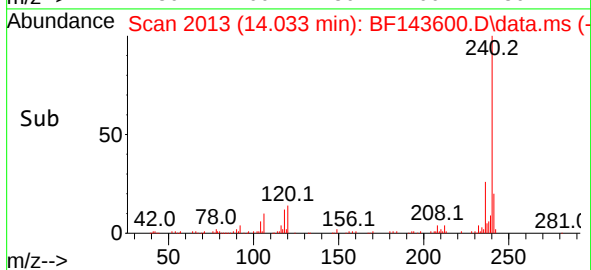
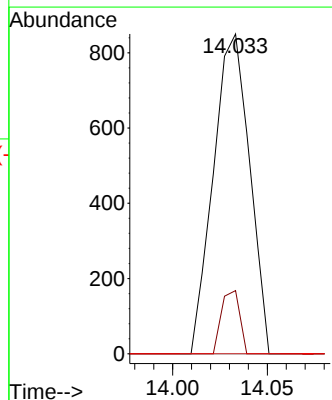
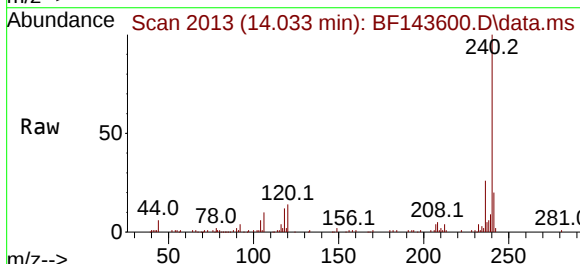
Instrument :
BNA_F
ClientSampleId :
BRIDGE

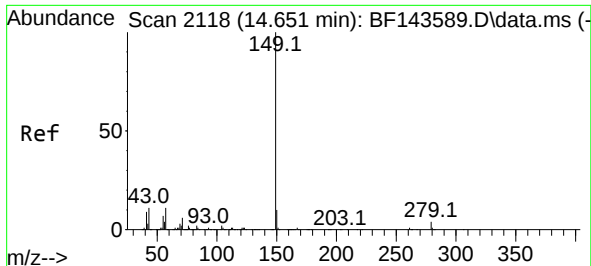
Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.5	56.8	85.2
206	0.0	16.2	24.2#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.420 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	19.8	21.8	32.8#
279	0.0	2.9	4.3#

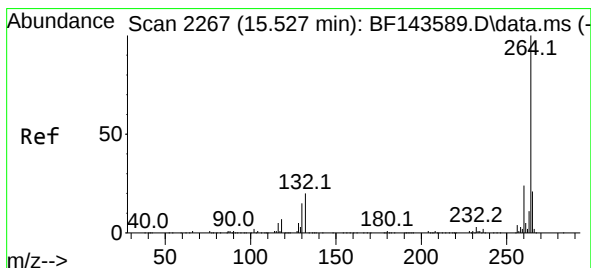
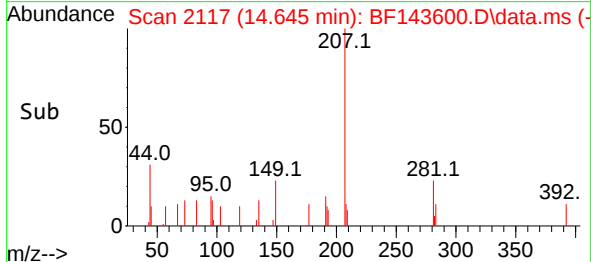
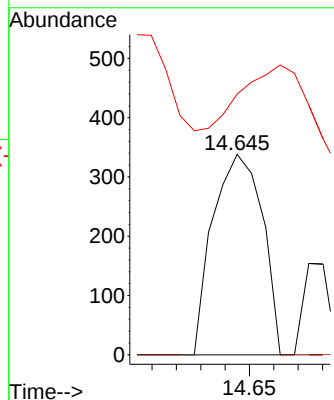
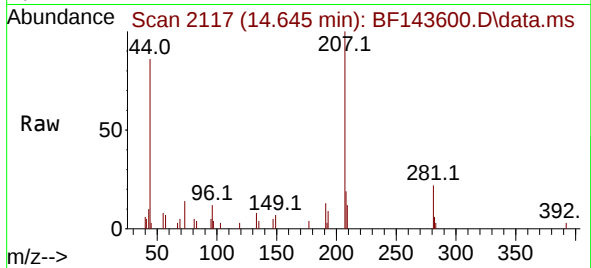




#85
Di-n-octyl phthalate
Concen: 5.906 ng
RT: 14.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Instrument :
BNA_F
ClientSampleId :
BRIDGE

Tgt Ion:149 Resp: 477
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 9.5 14.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143600.D
Acq: 27 Aug 2025 11:24

Tgt Ion:264 Resp: 230572
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.2 17.0 25.4

